



Scientific probiotics, make health easier

www.helplifes.com

### HELPLIFES INTRODUCTION

Headquartered in Shanghai, China, Helplifes is a pioneer in probiotics industry, providing integrated services in the development and production of probiotics for the global healthcare, animal nutrition and food industries. Through its unique CDMO business model, Helplifes continuously develops more scientific strains and formulations, and continuously optimizes production technology to help customers improve R&D efficiency and supply higher-quality probiotics, bringing more breakthrough probiotics to consumers. At present, the company's empowerment platform is carrying partners from more than 80 countries around the world. Our vision is that scientific probiotics help lifes better.

We have been dedicated to probiotics research for forty years, and we have a huge knowledge base from clinical strains to solutions. We provide best-quality, well-researched and safe VPro® probiotics, PROLIPO® post-biotics and HelpGut® micro-ecological solutions, with an annual output of 600 tons of probiotics powder. The technical team of Helplifes-Jiangnan University (No.1 in the field of food science in the world) is led by academicians of the Chinese Academy of Engineering, with nearly 100 doctors. 30,000 strains bank. dozens of clinical research strains, and more than 100 global patent strains.



### Quality assurance and services

Helplifes has a world-class quality system, quality control is carried out at every stage from raw material inspection, production process control, product testing to product delivery. Our philosophy is that outstanding products are made through design and processing, so our workshop strictly follow GMP, ISO, FSSC, Halal, Kosher and other quality management systems to ensure the quality and traceability of your products. Each strain is deposited in microorganism collections and with a unique strain number, and whole genome sequencing and antibiotic safety testing have been done.



### Overall Solution Provider, your FIRST choice for probiotics!

We provide qualified probiotic products through our one stop solution, which covers strain development, production, distribution, quality control and customer service in accordance with global standards.

#### Flexible

Diversified probiotics ingredients; Minimum order quantity; Fast delivery; Best customer service

#### Integrated

Combines with enzymes, prebiotics, plant extracts and other healthy ingredients integrated formulations

#### Reliable

10+ clinical strains, 100+ patented strain, proven health benefits

#### Solution

HelpGut® formulas customized proprietary probiotic blends

#### Team up

Professional R&D team of 80 probiotics experts



Dietary Supplements



Food and Beverage



Animal Nutrition



Live Biotherapeutic



Biointensive Agriculture

Shanghai Unibio Lab Co., Ltd.  
(A Subsidiary of Helplifes)









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## HelpGut® Probiotic Solutions

Scientific premix, personalized nutrition have been proven effective in clinical research.

- Help customers improve product development efficiency
- Reduce factory sluggish inventory
- Lower inspection and mixing costs, accelerate procurement efficiency
- Human Clinical & Patented strains
- Good Resistant, High Colonization

 <p><b>Gut+</b></p> <p>Improve digestion Relieve gut discomfort Inhibit <i>Helicobacter pylori</i> Fermentable yogurt</p>	 <p><b>Immu+</b></p> <p>Regulate immunity Prevent A.R. &amp; A.D. Prevent asthma Improve URI infection Improve psoriasis</p>	 <p><b>Lady</b></p> <p>Prevent Vaginitis Skin care Improve PCOS Improve menopausal syndrome</p>	 <p><b>Oral+</b></p> <p>Prevent dental caries Prevent periodontitis Inhibit oral pathogens</p>
 <p><b>Meta+</b></p> <p>Regulate metabolism Weight control Prevent diabetes Liver protection Lower blood pressure Improve cardiovascular</p>	 <p><b>Mood+</b></p> <p>Improve sleep Relieve stress Improve depression</p>	 <p><b>Kid</b></p> <p>Improve immunity Promote digestion Oral Health Promote zinc absorption Reduce Pb.&amp;Cd. absorption</p>	 <p><b>Senior</b></p> <p>Anti-Aging Relieve constipation Prevent chronic disease</p>

## We Formulate. We Manufacture. We Deliver.

Our production quality of powder, capsules, and more, coupled with a certified Good Manufacturing Practice helps our customers achieve the peak of their supplement sales. When comparing our quality with other factory supplements, you will find attention to detail at every level. Service, quality and price are the best in China as standard.



\*Available in premix, capsules, sachet, tea-bagging, gummy, drops etc

## VPro® Human Clinical Studied Probiotics

Relieve chronic diarrhea, Increase *akkermansia muciniphila* abundance

*Lactobacillus plantarum* CCFM1143

Gastrointestinal balance (IBS-D)

*Lactobacillus plantarum* CCFM8610

Relieve *Helicobacter pylori* infection

*Lactobacillus rhamnosus* CCFM1119

Improve atopic dermatitis

*Bifidobacterium longum* CCFM1029

Gut health/immune health/ oral health

*Lactobacillus rhamnosus* GG(ATCC53103)  
*Bifidobacterium animalis subsp.lactis* Bb-12

Improve sleep quality

*Bifidobacterium breve* CCFM1025

Relieve allergic rhinitis / asthma

*Lactobacillus reuteri* CCFM1040

Lead excretion

*Lactobacillus plantarum* CCFM8661

Improve constipation

*Bifidobacterium longum* CCFM760

Reduce the amounts of oral pathogens (*S.mutans* and *C.albicans*)

*Lactobacillus plantarum* CCFM8724

Next generation probiotics

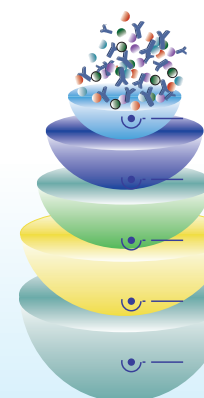
*Akkermansia muciniphila* AH39, JL50 (GLP-1)  
*Clostridium butyrium* HB03

Anti-depression (Gut-Brain axis health)

Probiotics blend (*B.breve* CCFM1025+B. *infantis* CCFM687+*P.acidilactici* CCFM6432)

## VPro® 5-Layer Micro-encapsulation technology

- Excellent survival rate in the gastrointestinal tract
- High Viability till the end of the shelf life, excellent stability
- High adhesion capacity, high colonization, intestinal targeted release



1. Micromolecule layer
2. Prebiotic nutrition layer
3. Enteric molecular layer
4. Acid & enzymatic resistant layer
5. Oxygen & water resistant layer

## VPro® In Vivo Proven Probiotics

Function	Strain Name	Patent/Study
Relieve constipation/ Promote digestion	<i>B. bifidum</i> CCFM1167	<i>Bifidobacterium bifidum</i> for relieving constipation and fermented food and probiotic preparation prepared therefrom
	<i>B. coagulans</i> -39	MLST analysis of genetic diversity of <i>Bacillus coagulans</i> strains to evaluate effects on constipation model
Relieve osteoporosis	<i>L. fermentum</i> 5-1L	<i>Lactobacillus fermentum</i> for relieving osteoporosis
Relieve non-alcoholic liver damage/Relieve Type 2 diabetes	<i>B. adolescentis</i> CCFM1061	<i>Bifidobacterium adolescentis</i> CCFM1061, its fermented food and preparation method of bacterial agent
Relieve hyperuricemia	<i>L. rhamnosus</i> CCFM1130	<i>Lactobacillus rhamnosus</i> CCFM1130 and its application for relieving acidemia in the treatment of gout
Prevention of diabetes	<i>L. rhamnosus</i> CCFM0528	<i>Lactobacillus rhamnosus</i> CCFM0528 with the effect of preventing diabetes
Improve sleep	<i>L. plantarum</i> CCFM1050	<i>Lactobacillus plantarum</i> capable of improving sleep and uses thereof
Prevention of dental caries	<i>L. plantarum</i> CCFM8724	A <i>Lactobacillus plantarum</i> with the effect of preventing dental caries
	<i>L. crispatus</i> CCFM1110	A strain of <i>Lactobacillus crispatus</i> capable of preventing and/or treating <i>Candida</i> vaginitis
Prevent and/or treat vaginitis	<i>L. gasseri</i> CCFM1201	A strain of <i>Lactobacillus gasseri</i> for relieving bacterial vaginosis and its application
	<i>L. plantarum</i> CCFM1180	A strain of <i>Lactobacillus plantarum</i> capable of relieving metabolic disorder and obesity caused by reduction of estrogen and application thereof
Zinc-rich probiotics	<i>B. longum</i> CCFM1195	Effects of Zn-Enriched <i>Bifidobacterium longum</i> on the Growth and Reproduction of Rats
	<i>B. longum</i> CCFM602	A strain of <i>Lactobacillus plantarum</i> capable of regulating ampicillin-induced intestinal flora disorder
Alleviates DSS-induced colitis	<i>B. longum</i> YS108R	A roxy exopolysaccharide producing strain <i>Bifidobacterium longum subsp. longum</i> YS108R alleviates DSS-induced colitis by maintenance of the mucosal barrier and gut microbiota modulation
	<i>L. reuteri</i> FGSZY33L6	A strain of <i>Lactobacillus reuteri</i> that can interfere with metabolic syndrome and its application
Anti-Helicobacter pylori	<i>L. plantarum</i> CN2018	<i>Lactobacillus plantarum</i> resistant to <i>Helicobacter pylori</i> infection and uses thereof
Increases lead excretion	<i>L. plantarum</i> CCFM8661	<i>Lactobacillus plantarum</i> freeze-dried powder and preparation method thereof
Anti-oxidation	<i>L. casei</i> CN1566	A kind of antioxidant <i>Lactobacillus casei</i> resistant to hydrogen peroxide and scavenging free radicals and use thereof
Improving polycystic ovary syndrome	<i>L. plantarum</i> CCFM1019	Application of CCFM1019 in the preparation of bacterial agents, food or drugs for improving polycystic ovary syndrome and adsorbing bisphenol A
Repair sensitive skin and skin barrier	<i>B. animalis</i> CCFM1160	A kind of <i>Bifidobacterium animalis</i> with improved skin barrier function and skin sensitivity
Alleviate psoriasis	<i>B. animalis</i> CCFM1148	A kind of <i>Bifidobacterium animalis</i> that can alleviate psoriasis and its application
Regulate allergic asthma	<i>L. casei</i> CCFM1073	A <i>Lactobacillus casei</i> that can regulate the balance of Th2/Th1 in allergic asthma and its application
Improve immune	<i>L. casei</i> CCFM1059	A strain of <i>Lactobacillus casei</i> that can increase intestinal IL-22 expression
Relieving alcoholic intestinal injury	<i>L. paracasei</i> CCFM1120	A strain of <i>Lactobacillus paracasei</i> capable of relieving alcoholic intestinal injury and its application
Reduce the risk of hypertension	<i>L. plantarum</i> CCFM1149	A <i>Lactobacillus plantarum</i> that can reduce the risk factors of hypertension and its application
Prevent cardiovascular disease (Reduce TMA/TMAO)	<i>B. breve</i> CCFM1217	<i>Bifidobacterium breve</i> CCFM1217 capable of simultaneously reducing plasma and fecal trimethylamine and its application
Improve bad breath	<i>L. plantarum</i> CCFM 1214	A <i>Lactobacillus plantarum</i> capable of inhibiting <i>Clostridium</i> nucleatum and improving breath
High yield of organic selenium	<i>L. casei</i> CCFM1088	A strain of <i>Lactobacillus casei</i> capable of high yield of three forms of organic selenium and its application
Preventing and/or treating periodontitis	<i>L. rhamnosus</i> CCFM1138	A strain of <i>Lactobacillus rhamnosus</i> capable of preventing and/or treating periodontitis and its application
Weight loss	<i>B. adolescentis</i> CCFM1173	Application of <i>Bifidobacterium adolescentis</i> CCFM1173 in the preparation of functional bacterial agents, food and or drugs
Alleviate fatty liver and obesity	<i>L. rhamnosus</i> CCFM1219	A kind of postbiotic prepared by <i>Lactobacillus rhamnosus</i> to alleviate fatty liver and obesity and its application
Relieve respiratory infections and flu	<i>B. breve</i> CCFM1026	A strain of <i>Bifidobacterium breve</i> with anti-influenza ability and its application
Alleviate Alzheimer	<i>B. breve</i> CCFM1179	A <i>Bifidobacterium breve</i> that can alleviate Alzheimer's disease and increase fecal acetate content and its application
Relieve ulcerative colitis (IBD)	<i>L. acidophilus</i> CCFM1200	A strain of <i>Lactobacillus acidophilus</i> that can relieve ulcerative colitis and its application
Promote GLP-1 secretion	<i>L. lactobacillus casei</i> CCM419	<i>Lactobacillus casei</i> CCM419 attenuates type 2 diabetes via a gut microbiota dependent mechanism

## Conventional Strains

### Lactobacillus

- *Lactobacillus acidophilus* L59
- *Lactobacillus reuteri* HR7
- *Lactobacillus plantarum* HP59
- *Lactobacillus helveticus* HH28
- *Lactocaseibacillus paracasei* HPC69
- *Lactocaseibacillus casei* HC5
- *Lactocaseibacillus rhamnosus* LR663
- *Limosilactobacillus fermentum* HLF67
- *Ligilactobacillus salivarius* HLS89
- *Lactobacillus crispatus* HLC28
- *Lactobacillus gasseri* HLG13
- *Lactobacillus johnsonii* HLJ08
- *Levilactobacillus brevis* LBR71
- *Lactococcus lactis subsp.lactis* HLL31
- *Lactobacillus delbrueckii subsp.bulgaricus* HB68

### Cocci

- *Pedilococcus acidilactici* HPA9
- *Pedilococcus pentosaceus* HPP27
- *Streptococcus salivarius subsp.thermophilus* ST67

### PROLIPO® Postbiotics

They are preparation of inanimate microorganisms and/or their components that confers a health benefit on the host (ISAPP)

Health benefits	Ingredients
Immunity regulation	<i>Bifidobacterium longum</i> + <i>Lactobacillus plantarum</i>
Weight loss and liver protection	<i>Lactobacillus rhamnosus</i> CCFM1219
Oral care	<i>Lactobacillus salivarius</i> + <i>Lactobacillus rhamnosus</i> CCFM1138 + <i>Lactobacillus plantarum</i>
Anti- <i>Helicobacter pylori</i>	<i>Lactobacillus plantarum</i> CN2018
Anti-oxidation and alleviates lead toxicity	<i>Lactobacillus plantarum</i> CCFM8661
Prevent Type II diabetes	Probiotics premix

### PRODUCT FEATURES

#### Safe ingredients

NON GMO • Lactose Free • No Colors • Dairy Free  
No Preservatives • Nut Free • Gluten Free • Allergy Free

Gastric Acid & Bile Resistant • Shelf Stable

### Bifidobacterium

- *Bifidobacterium bifidum* BB67
- *Bifidobacterium breve* HBB37
- *Bifidobacterium adolescentis* BA6
- *Bifidobacterium animalis* subsp. *lactis* BL03
- *Bifidobacterium animalis* subsp. *animalis* BA051
- *Bifidobacterium longum* subsp. *longum* HBL79
- *Bifidobacterium longum* subsp. *infantis* HB127

### Others

- *Bacillus coagulans* HBC798
- *Saccharomyces boulardii* HS5
- *Leuconostoc mesenteroides* HLM8
- *Bacillus subtilis* -10
- *Bacillus clausii* AS9
- *Enterococcus faecalis* HF7
- *Bacillus licheniformis* L3
- *Enterococcus faecium* HE7

\*Available in food, feed, silage, pet food, aquaculture, agriculture, etc.